

EMPLOYMENT OPPORTUNITY ANNOUNCEMENT

DEPARTMENTS OF THE ARMY AND AIR FORCE  
OFFICE OF THE ADJUTANT GENERAL  
NORTH CAROLINA NATIONAL GUARD  
HUMAN RESOURCES OFFICE  
4105 REEDY CREEK ROAD  
RALEIGH, NORTH CAROLINA 27607-6410

ANNOUNCEMENT #: ANG 59-2005

OPENING DATE: 04 November 2005

CLOSING DATE: 05 December 2005

ANTICIPATED FILL DATE: 22 January 2006

POSITION TITLE AND NUMBER:

Powered Support Systems Mechanic  
9112000  
792890

UNIT/ACTIVITY AND DUTY LOCATION:

145 Maintenance Squadron  
NCANG, Charlotte, NC

EMPLOYMENT STATUS:

Excepted Service

GRADE AND SALARY:

TECH

WG-6907-10 \$17.69 - \$20.72 per hour

WHO CAN APPLY: The area of consideration for this position is the STATE OF NORTH CAROLINA. Applications will only be accepted from current Excepted employees of the North Carolina National Guard, current military members of the North Carolina National Guard and individuals who are eligible and willing to enlist in the North Carolina Air National Guard.

HOW TO APPLY: TECHNICIAN: Applicants interested in the technician position may apply by submitting an Optional Application for Federal Employment (Optional Form 612), resume or any other form of application. It is required that the Knowledge, Skills and Abilities (KSA's) listed below be addressed and attached to the application.

NOTE: Information that must be provided when applying for a technician position is as follows: announcement number; name; address; telephone number; social security number; date of birth; citizenship; education; work experience; and other job-related qualifications.

Applications must be sent to: North Carolina National Guard, ATTN: OTAGNC-HRO, 4105 Reedy Creek Road, Raleigh, NC 27607-6410, to be received not later than the close of business on the above indicated closing date.

QUALIFICATION REQUIREMENT: TECHNICIAN: Must have 18 months specialized experience which demonstrates that the applicant has acquired the below listed KSA'S. Education may be substituted for experience when applicable and the appropriate transcripts are submitted with application.

KNOWLEDGE, SKILLS & ABILITIES (KSA'S)

Below are listed the KSA's for this position. Each technician applicant must prepare separate (plain paper) listing to address all KSA's and explain the civilian and military work experience (with dates) that provided that KSA. These comments must be addressed in the order they appear below and attached to the application when applying for the position. Failure to include attachment of the KSA Statement will result in your application not being considered for employment. ASSISTANCE IN COMPLETING THE KSA STATEMENT MAY BE OBTAINED BY CALLING 919/664-6172 OR 704/391-4169.

1. Knowledge of and skill in repairing, overhauling, and rebuilding major assemblies and systems of powered support systems and air conditioning equipment.
2. Ability to troubleshoot more complex malfunctions requiring knowledge of the interaction of several subsystems.
3. Skill in using hand tools, power tools, and precision measuring equipment.
4. Ability to interpret technical manuals, illustrations, specifications, diagrams, and schematics to make repairs and modifications.

CONDITION OF EMPLOYMENT: Occupants of this position must maintain continuous military membership in the North Carolina Air National Guard (NCANG). NCANG status (military grade, DAFSC, military unit) and experience must be entered on the application. The recommended applicant will not be approved for appointment until they occupy a compatible AFSC in the NCANG shown under "MILITARY ASSIGNMENT" on the reverse side of this announcement. The applicant selected for this position will be required to participate in the Direct Deposit/Electronic Fund Transfer Program. The recommended applicant will not be approved for promotion/appointment until the appropriate physical examination is completed.

**MILITARY ASSIGNMENT:** Assignment in a compatible Enlisted position in the NCANG is mandatory. AFSC: 3E0XX, 3E1XX, 2A6XX.

**EVALUATION FACTORS USED:** Personal interviews, review of application and the KSA Statement.

**PRINCIPAL DUTIES AND RESPONSIBILITIES:**

Responsible for the accurate interpretation of numerous manufacturer drawings, specifications, operating instructions, and test procedures, to troubleshoot, calibrate, align and repair a variety of highly complex pieces of powered support equipment. This includes identifying, repairing or replacing numerous electronic (both digital and analog) components. It also includes the repair of composite materials and state of the art gas compressor turbines and electronically controlled engines. Troubleshoots, repairs, adjusts and aligns down-sized powered support equipment. Uses a variety of sophisticated testers, such as analyzers, digital meters, oscilloscopes and other measuring devices to determine repair requirements. Corrects unusual maintenance problems, by interpreting a variety of technical data such as tables, charts, formulas, color codes, wiring diagrams, and schematic symbols. Does circuit analyses, considers integrated circuit relationships, and applies electronic principles in order to fault-isolate and repair the various digital devices contained in highly complex powered support equipment. Performs inspections, preventive maintenance, servicing, repair, and adjustments on complex diesel engines. Must independently determine work sequences, specifications, and special procedures to be used to fault-isolate and repair unusual problems in various pieces of powered support equipment. Conducts classes to train maintenance personnel in operations, test procedures, and troubleshooting requirements of highly complex powered support equipment. Performs intermediate-level maintenance on powered support equipment and non-powered AGE. This includes working on cryogenic equipment, engine and generator changes, removing, repairing, and overhauling of accessories, and rebuilding of units. Engine rebuilding such as removal and replacement of crankshafts, pistons, and other integral parts. Replaces, checks and adjusts valves, bearings, cams, clutches, bushings, springs, armatures, pushrods, exhaust manifolds, tubing, hose and defective wiring. Diagnoses gas turbine malfunctions, using visual and auditory senses, test equipment and applicable technical publications; makes repairs, removes, disassembles and assembles components and sub-systems. Troubleshoots, repairs, overhauls, modifies and operates aerospace ground equipment such as AC and DC power generators, various types of internal combustion engines, air compressors, blowers, hydraulic test stands, cabin leakage testers, portable diesel engine driven generators, emergency lighting units, de-icers, heaters, load banks, hydrostatic testers, cryogenic carts, decontamination units, thermal bath, vacuum pumps, flow meters, lavatory service trailers, air conditioners and various pieces of non-powered AGE. Performs required TCTOs and other modifications on powered support equipment. Performs corrosion control duties such as inspection, cleaning, stripping, sanding, priming and painting of AGE. Performs inspections, calibration and repair on test and shop equipment. Performs maintenance data collection, and prepares other required forms. Maintains Technical Orders, Technical Order Files, commercial technical publications and other directives pertinent to the section. Submits Technical Order Improvement Reports, Material Deficiency Reports and suggestions when required. Ensures that all waste products are properly disposed of and the effective waste minimization processes are used. Prepares for and participates in various types of readiness evaluation such as ORI, IG and UE inspections, mobility, and command support exercises. May be required to perform such additional duties as structural fire fighting, aircraft fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, or serve as a member of a team to cope with natural disasters or civil emergencies. Participates and assists in conducting the necessary safety program for the Aerospace Ground Equipment activity. Performs other duties as assigned.

**INSTRUCTIONS TO COMMANDERS/SUPERVISORS:** This position vacancy announcement will be given the broadest possible dissemination. A copy of this announcement will be posted to your unit/activity bulletin board. This job will be posted on the 145 MSF web page.

**ADDITIONAL INSTRUCTIONS:**

1. Applicants are requested to identify, on a separate sheet of paper, their race and national origin from one of the following categories: Male or female; American Indian or Alaskan native; Asian or Pacific Islander; Black, not of Hispanic origin; Hispanic; white, not of Hispanic origin. Submission of this information is voluntary and will be used in support of the NCNG Equal Employment and Affirmative Action Programs.
2. An initial, and periodic medical examination may be required for jobs located in working areas which have a high exposure risk to conditions which may result in occupational illness or injury.
3. Participants in the Selected Reserve Incentive Program will be administered as prescribed by NGB Pamphlet 600-15.
4. A permanent change of station (PCS) will not be authorized for the individual selected for this position unless agreed upon in advance by HRO and a PCS order is prepared prior to effective date.
5. Males born on or after 1 January 1960 must be registered with the Selective Service in order to be considered for federal employment.

**DISTRIBUTION:**

A, B-3, C-3, G-40, H-3, J-3, K-3, M, N-20, P-11, Q, W-2, Y-2, R: SPMO-40, AGAV-3, AGCS-3, DCSANG-3, DCSLOG/G4-6, DCSOI-3, DCSPER-3, FMCB-2, IG-2, SCSM-2, SRAA-2, VCSOP-3